
$$F/G. 1$$

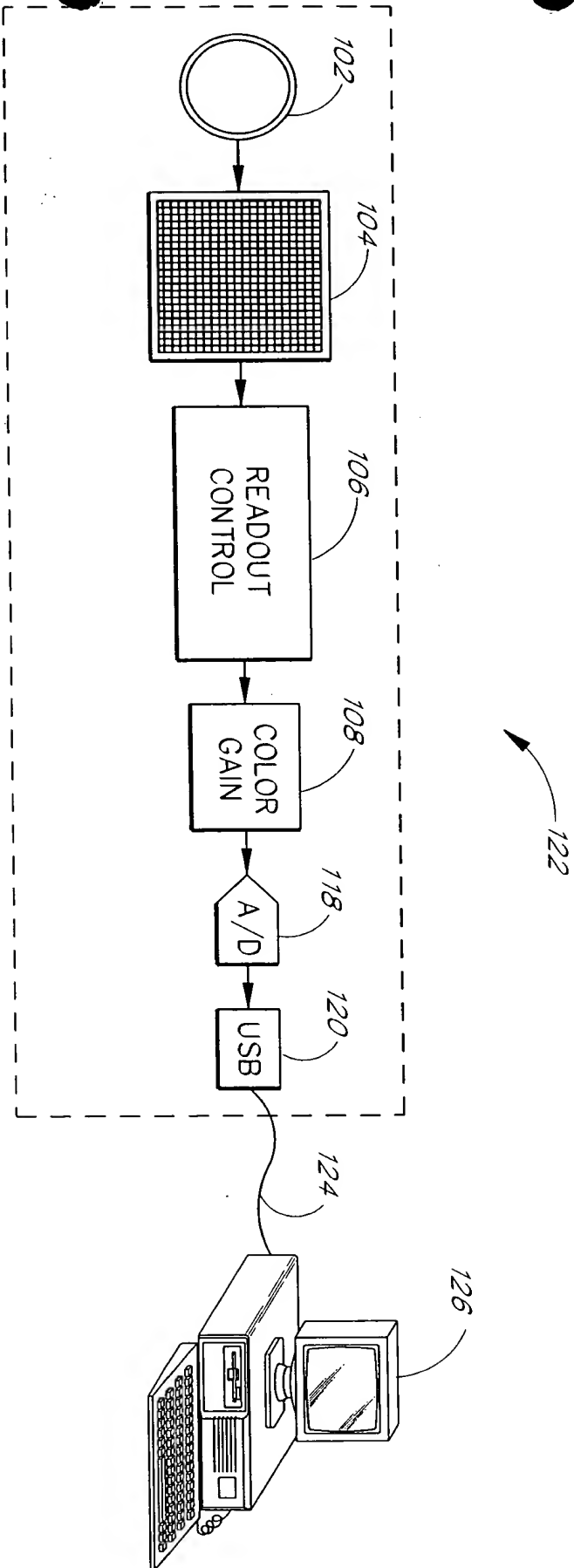


FIG. 2

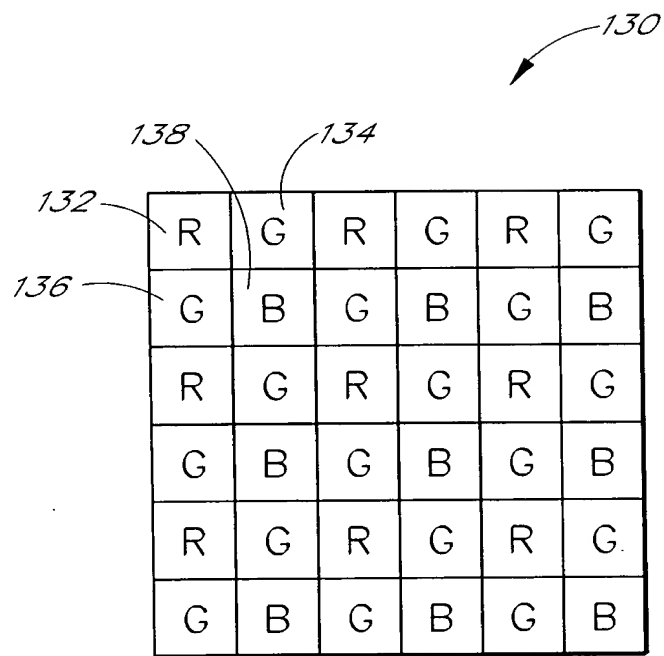


FIG. 3

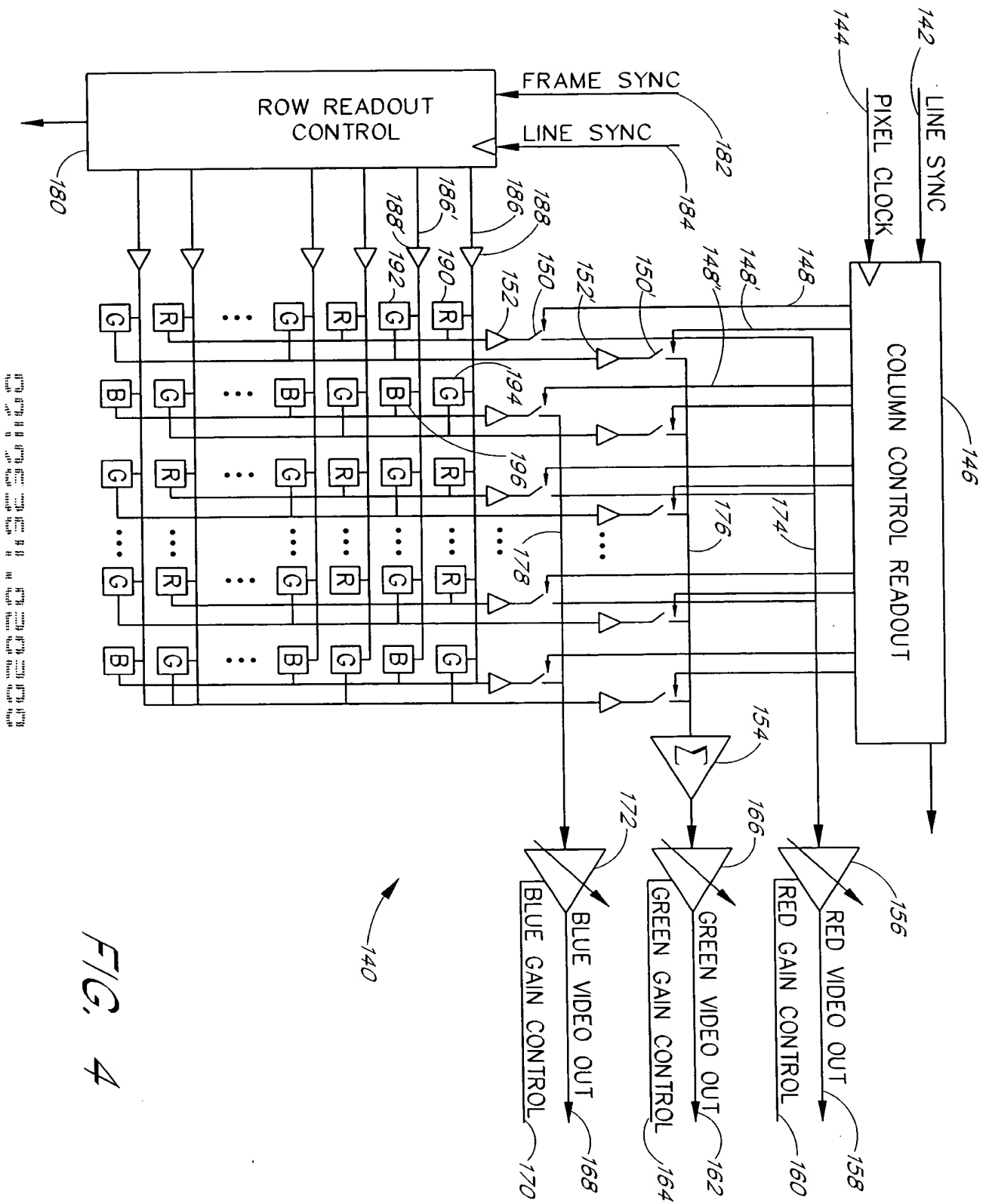
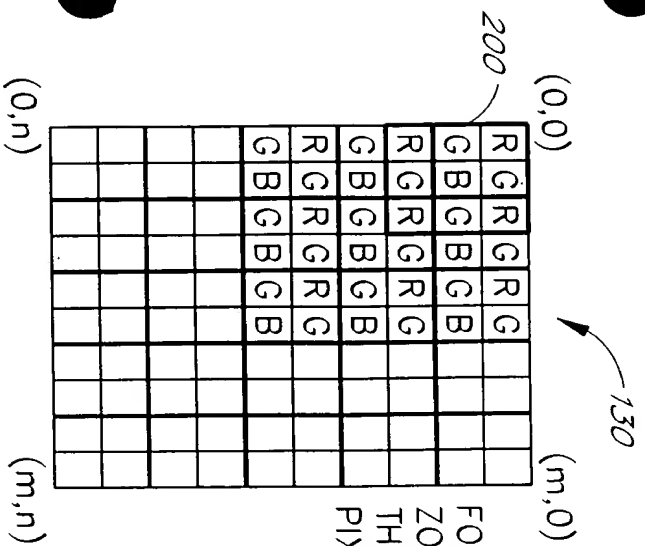
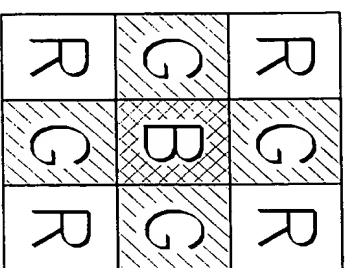
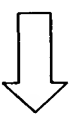


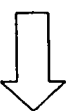
FIG. 4



FOR EXAMPLE:  
ZOOMING IN  
THE FIRST  $3 \times 3$   
PIXEL BLOCK,



200



$$\begin{aligned}
 & \{ R_{(0,0)}, [(G_{(1,0)} + G_{(0,1)})/2], B_{(1,1)} \}, \\
 & \{ R_{(2,0)}, [(G_{(1,0)} + G_{(2,1)})/2], B_{(1,1)} \}, \dots, \\
 & \{ R_{(0,2)}, [(G_{(0,1)} + G_{(1,2)})/2], B_{(1,1)} \}, \dots, \\
 & \{ R_{(2,2)}, [(G_{(2,1)} + G_{(1,2)})/2], B_{(1,1)} \}, \\
 & \dots \dots \dots
 \end{aligned}$$

FIG. 5

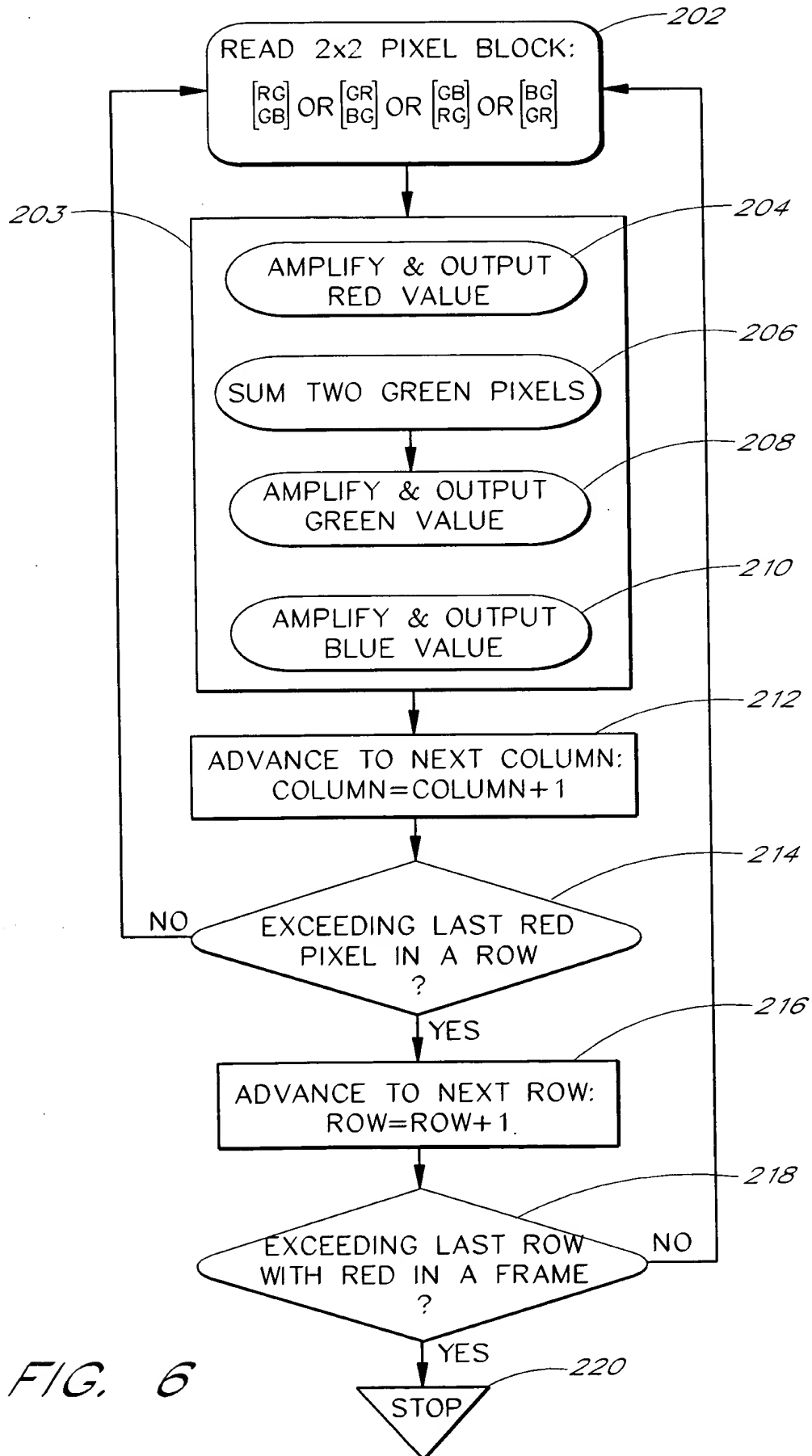
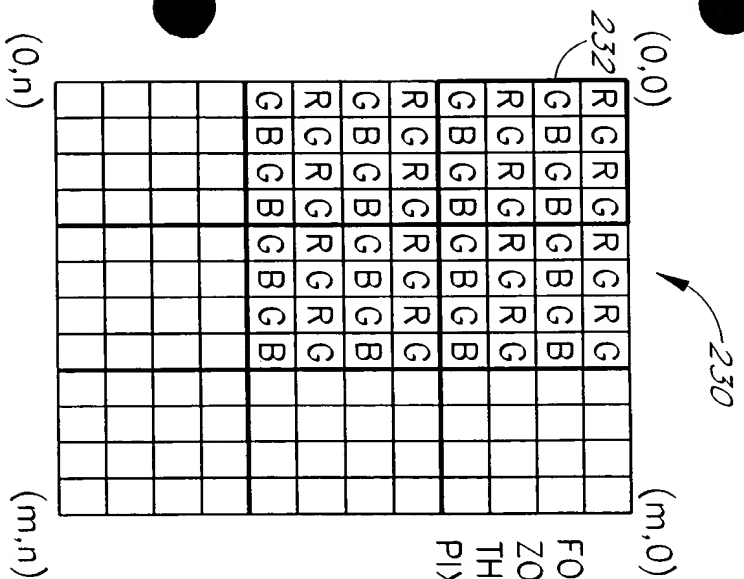
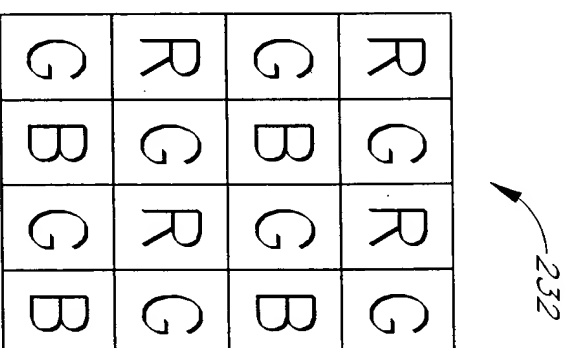


FIG. 6



FOR EXAMPLE:  
ZOOMING IN  
THE FIRST 4x4  
PIXEL BLOCK,



$$\{(R_{(0,0)} + R_{(2,0)} + R_{(0,2)} + R_{(2,2)})/4],$$

$$[(G_{(1,0)} + G_{(3,0)} + G_{(0,1)} + G_{(2,1)} +$$

$$G_{(1,2)} + G_{(3,2)} + G_{(0,3)} + G_{(2,3)})/8],$$

$$[(B_{(1,1)} + B_{(3,1)} + B_{(1,3)} + B_{(3,3)})/4]\}$$

FIG. 7

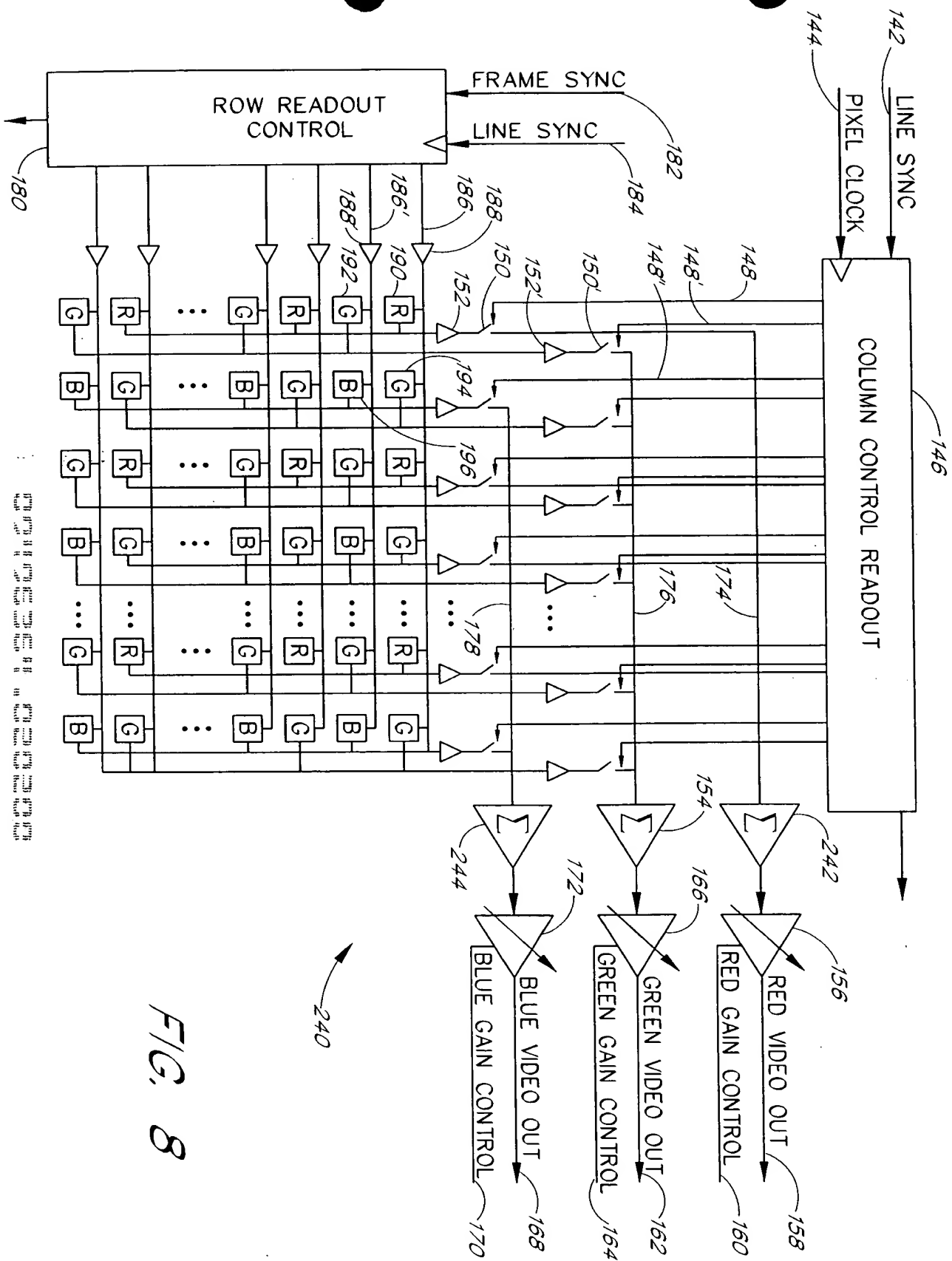


FIG. 8



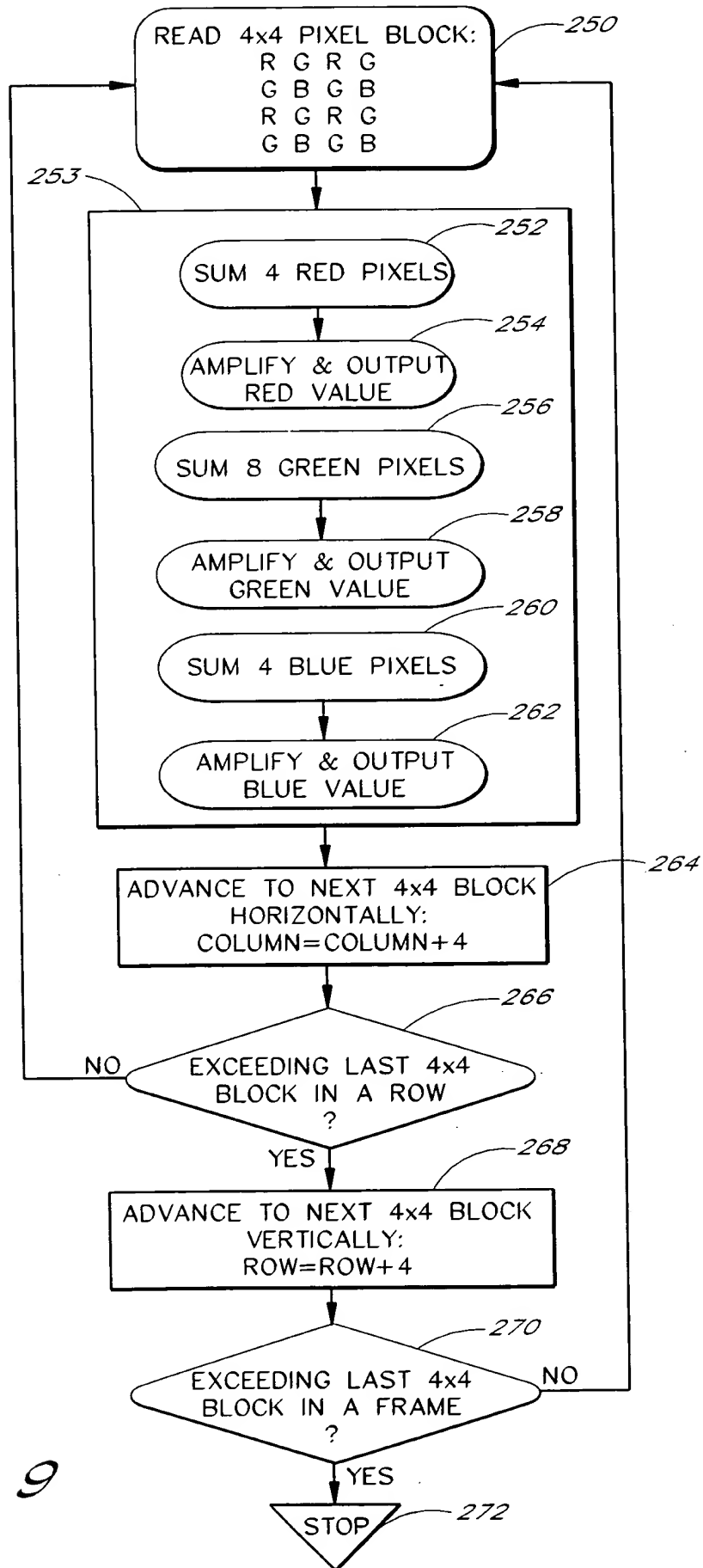
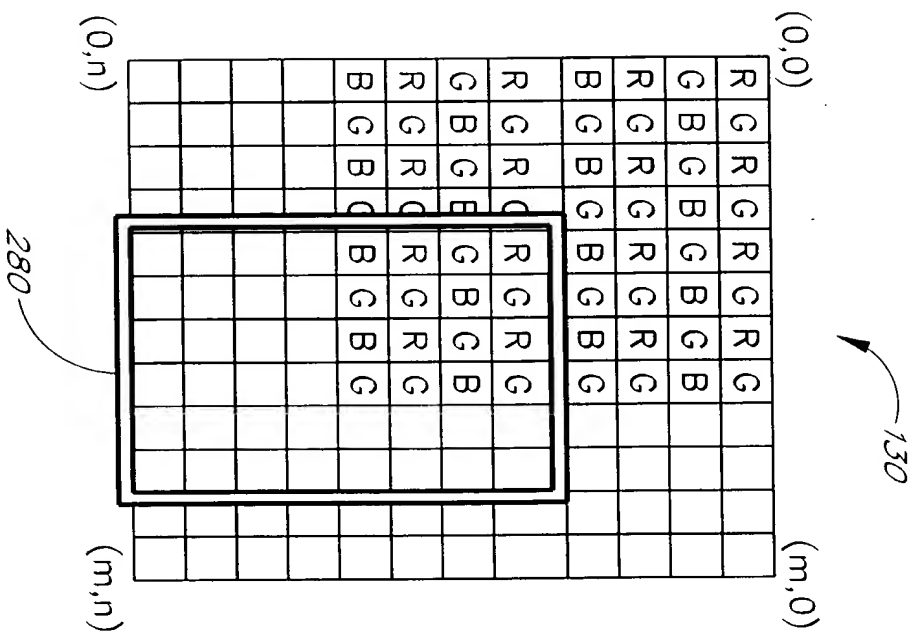


FIG. 9



$R_{(4,4)}, G_{(5,4)}, \dots, G_{(m-3,4)},$   
 $G_{(4,5)}, B_{(5,5)}, \dots, B_{(m-3,5)},$   
 $\dots,$   
 $G_{(4,n)}, B_{(5,n)}, \dots, B_{(m-3,n)},$

FIG. 10

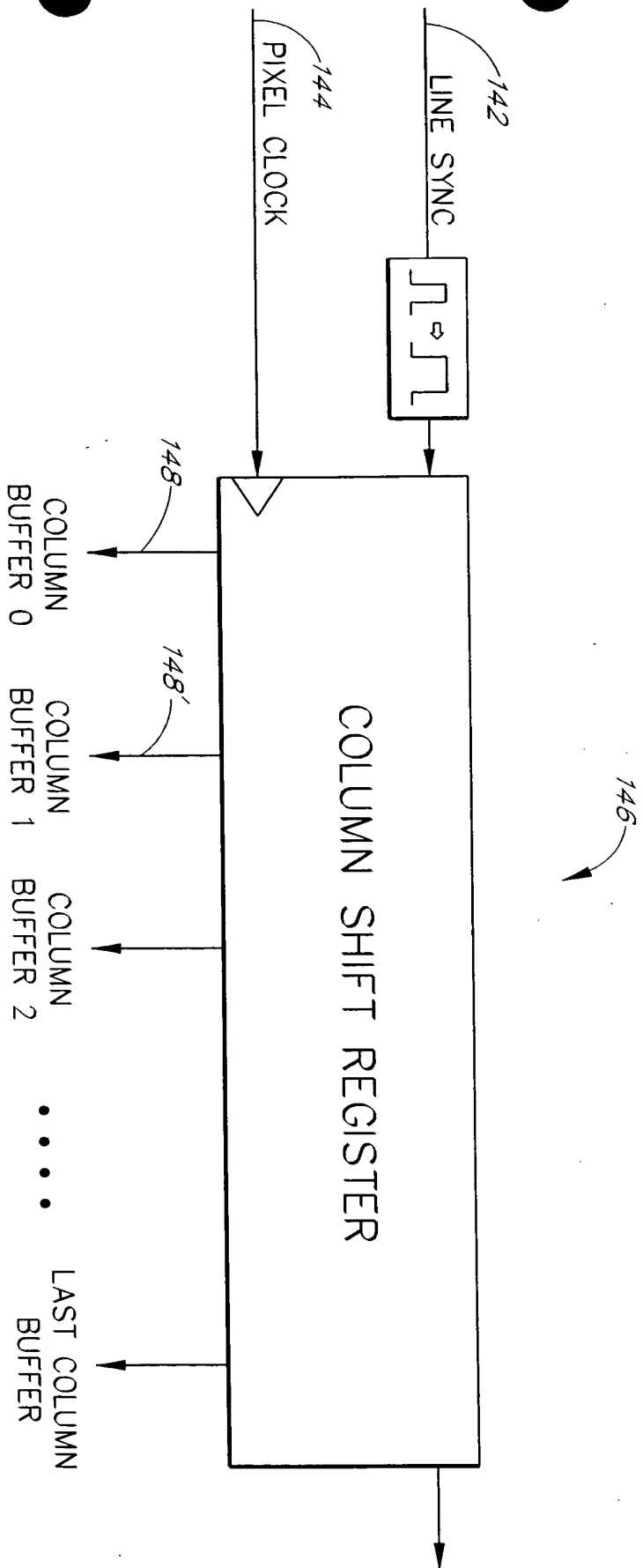


FIG. 11

FIG. 12

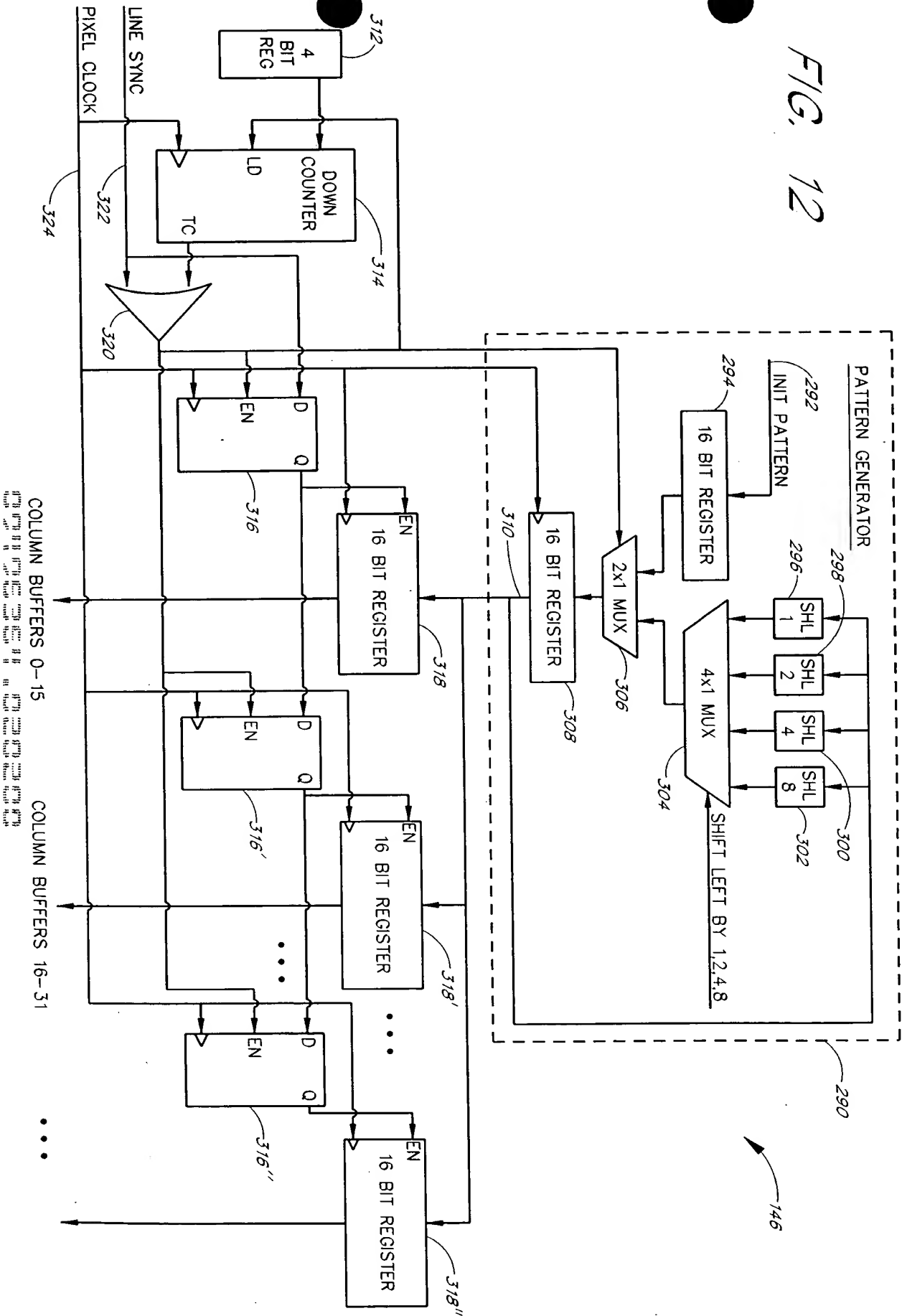
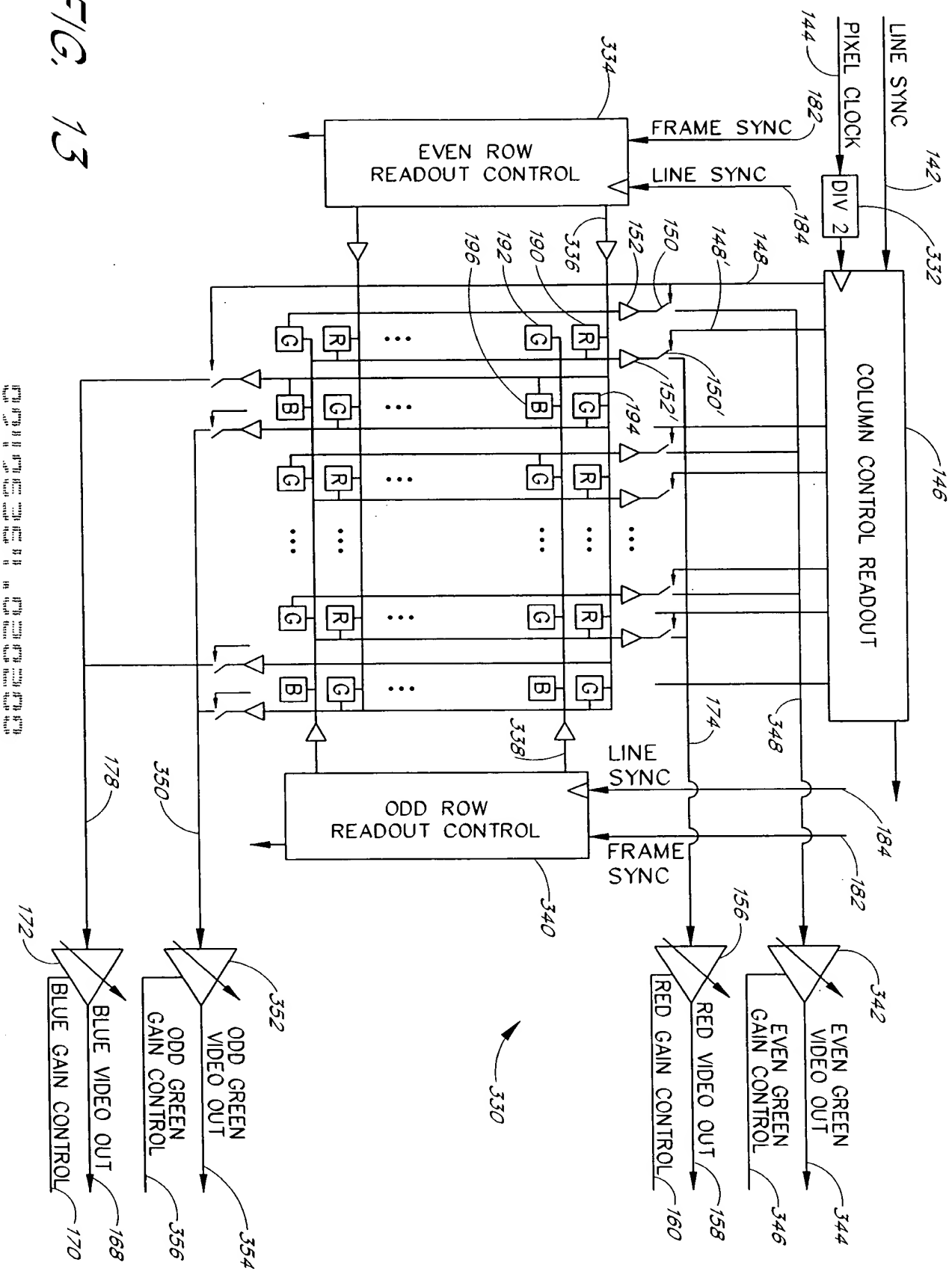


FIG. 13



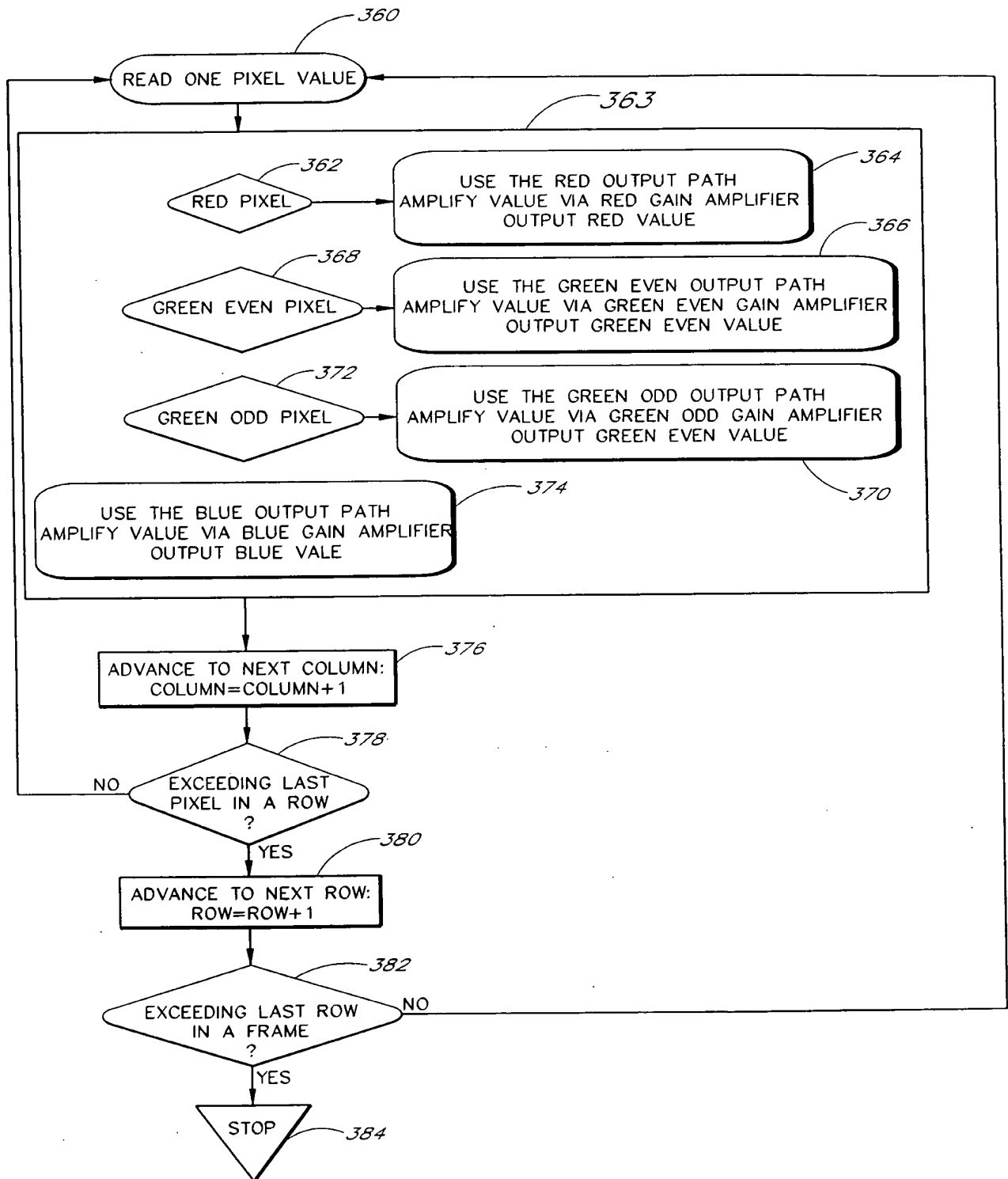


FIG. 14

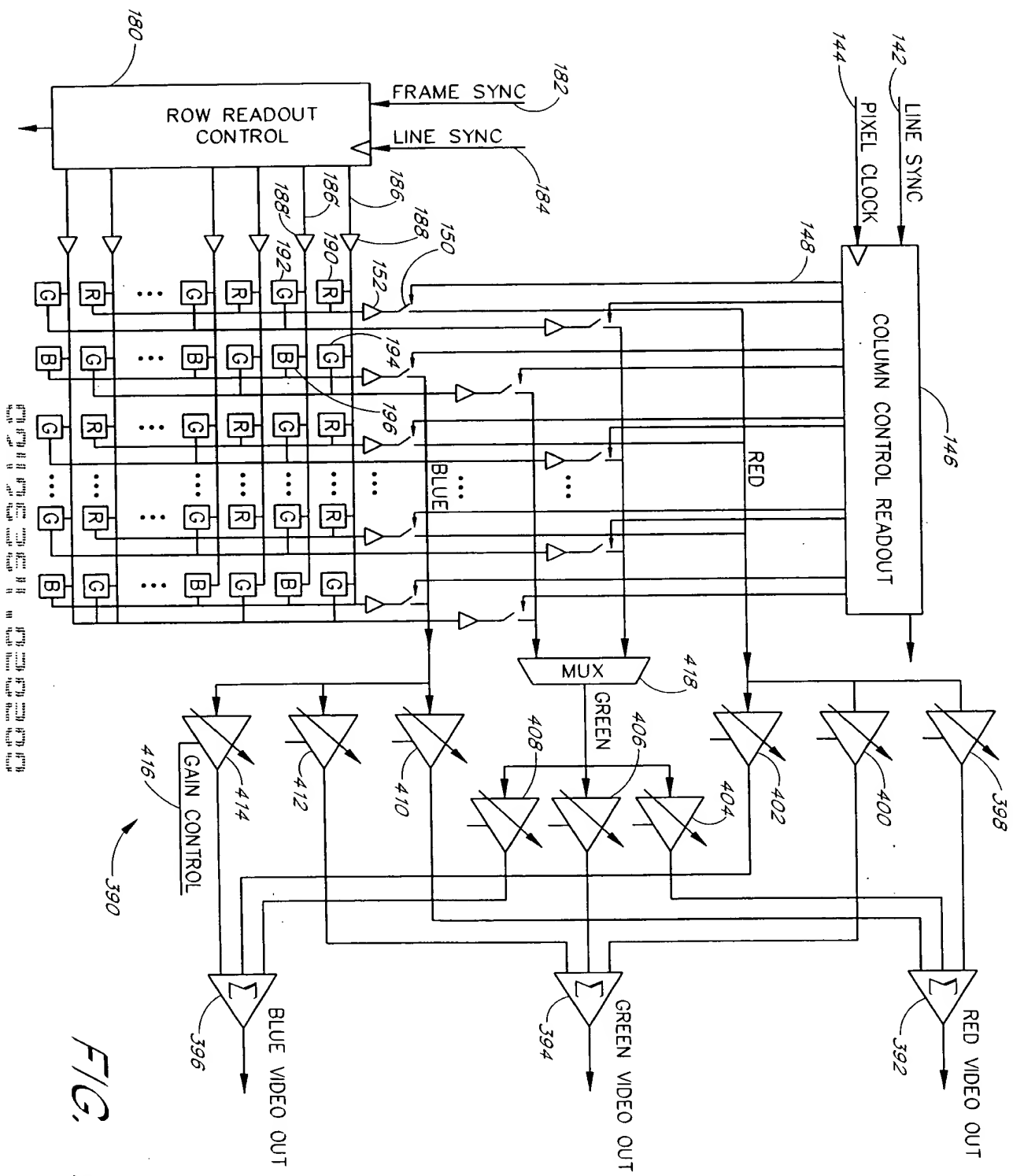
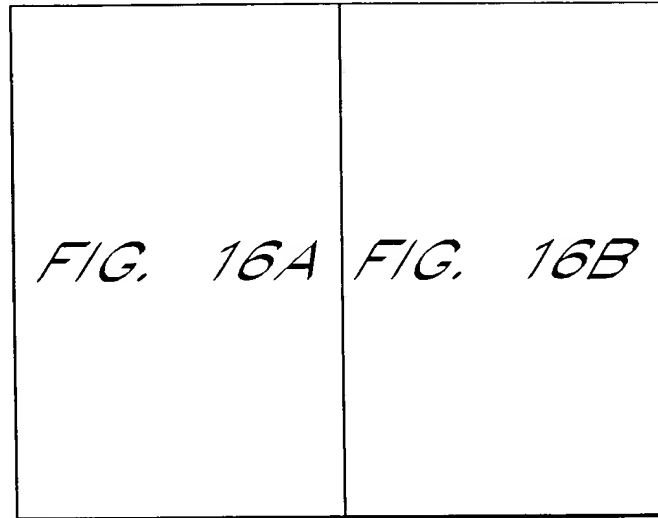


FIG. 15



*FIG. 16*



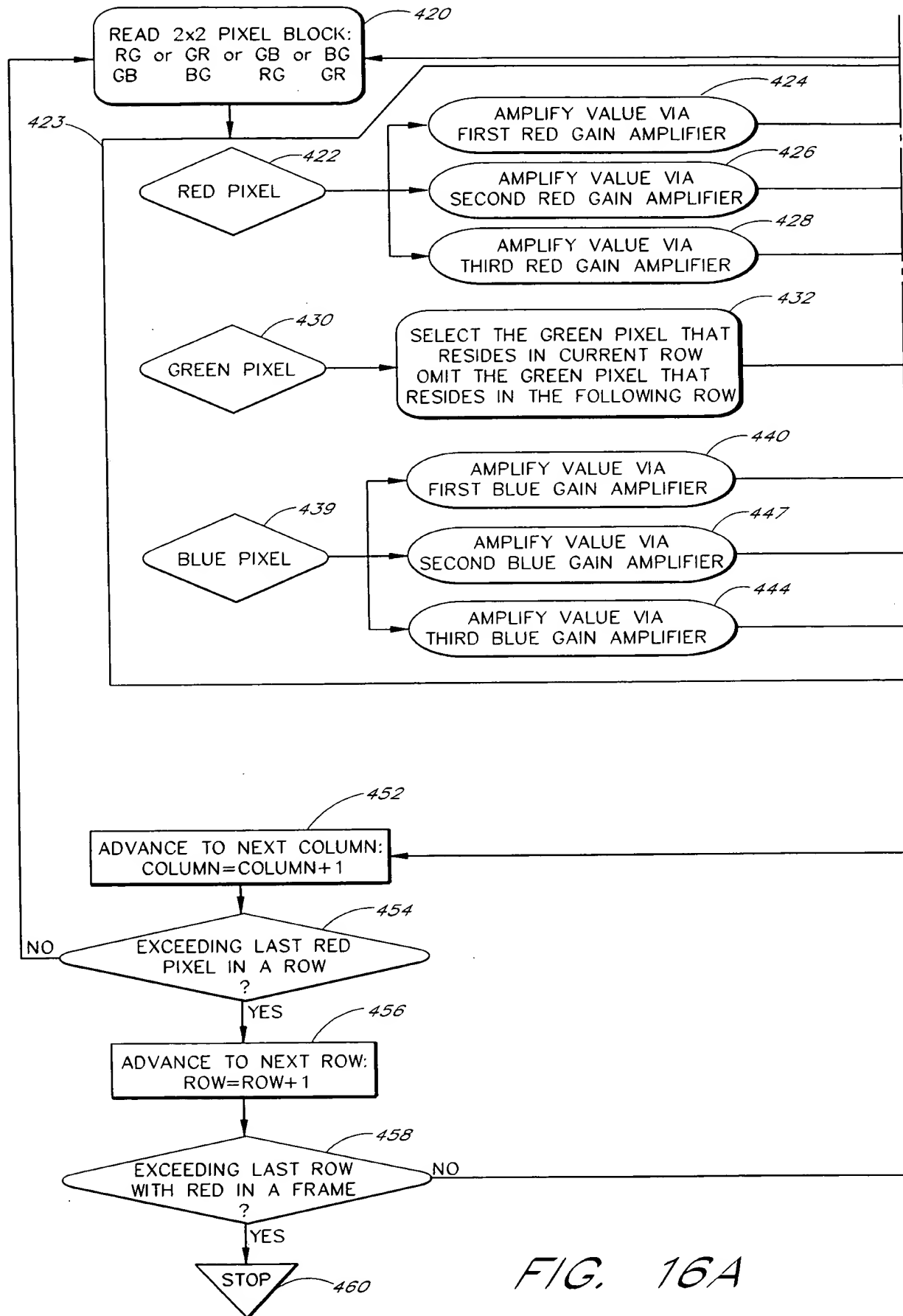


FIG. 16A

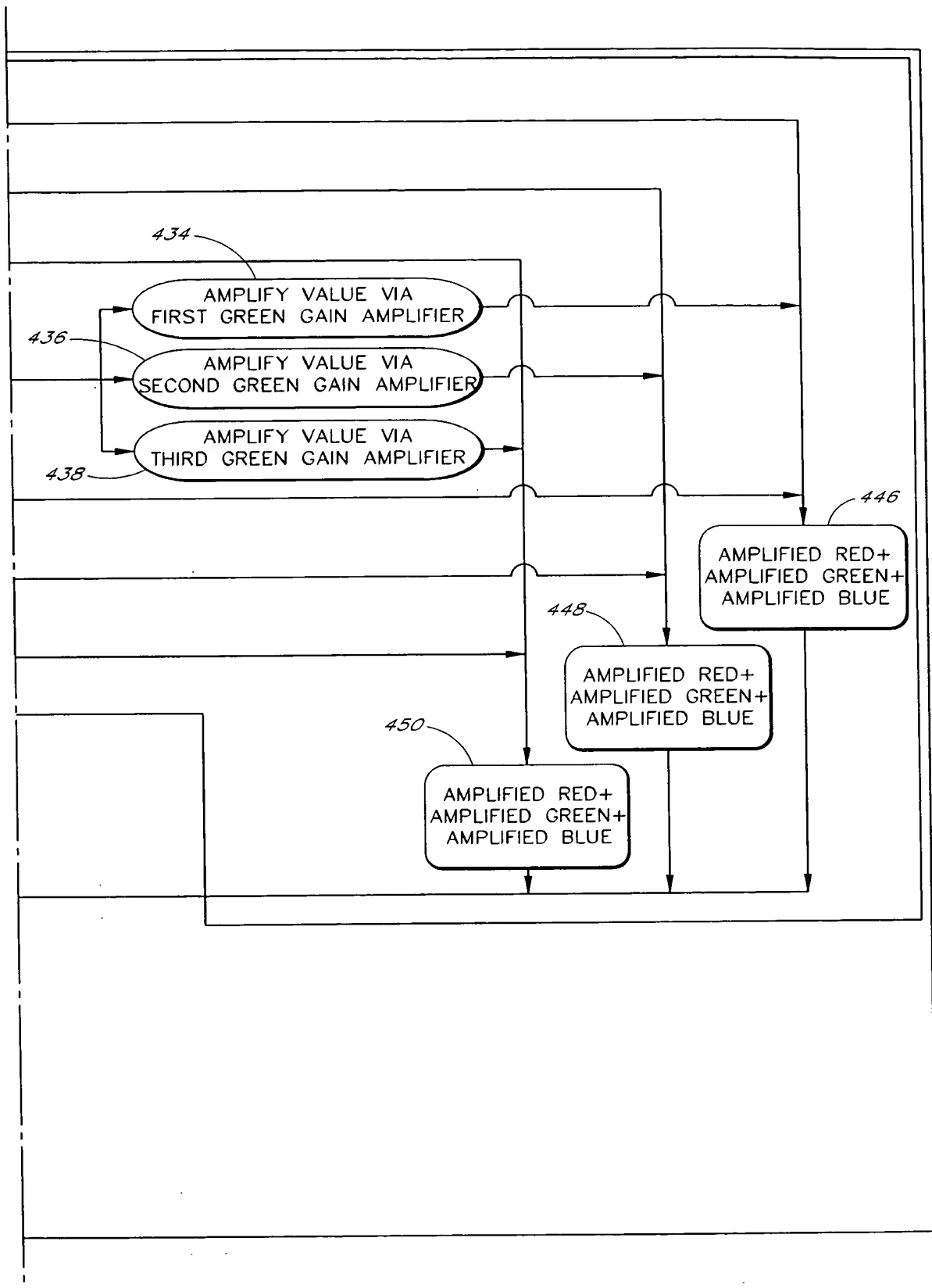


FIG. 16B

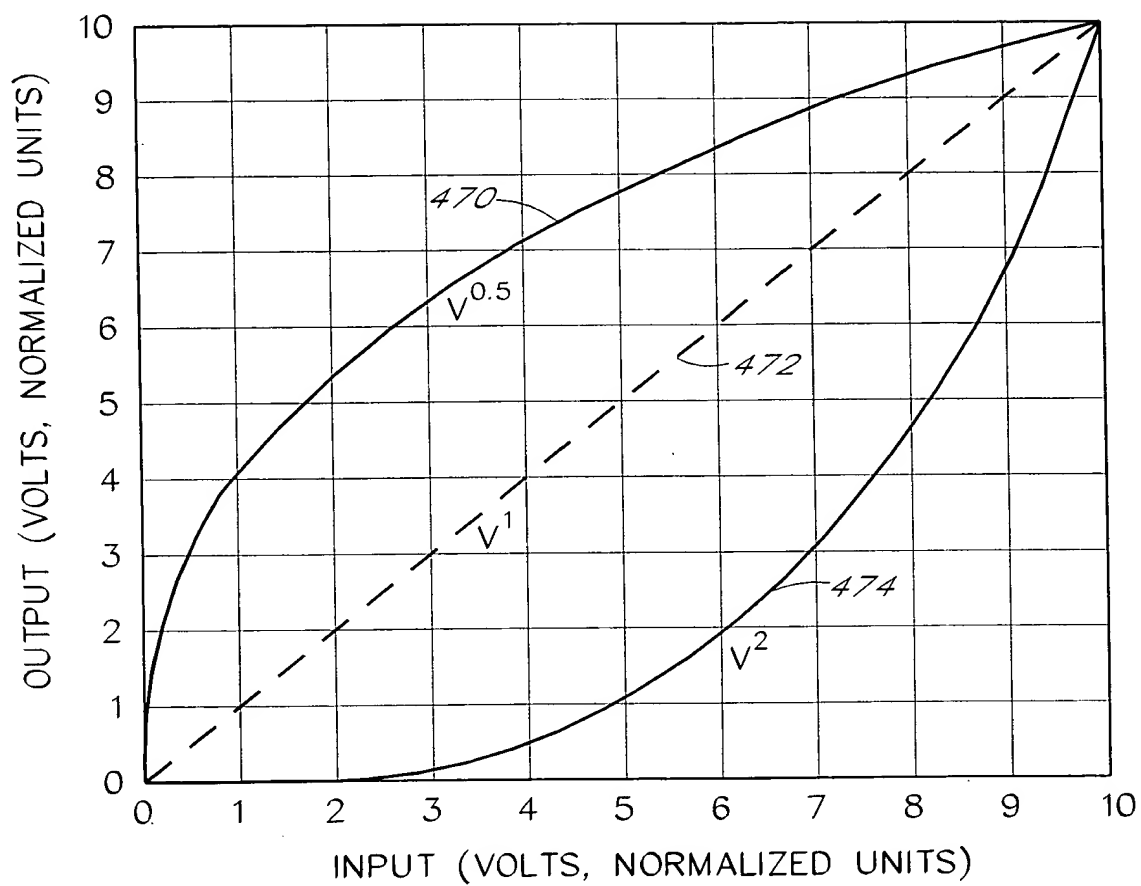
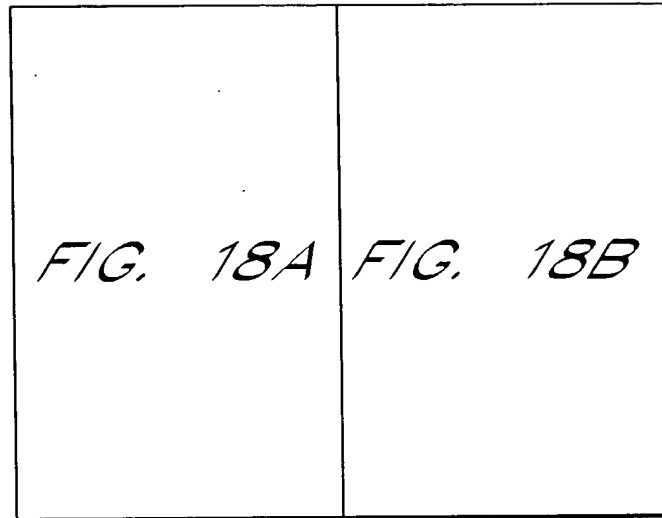


FIG. 17



*FIG. 18*

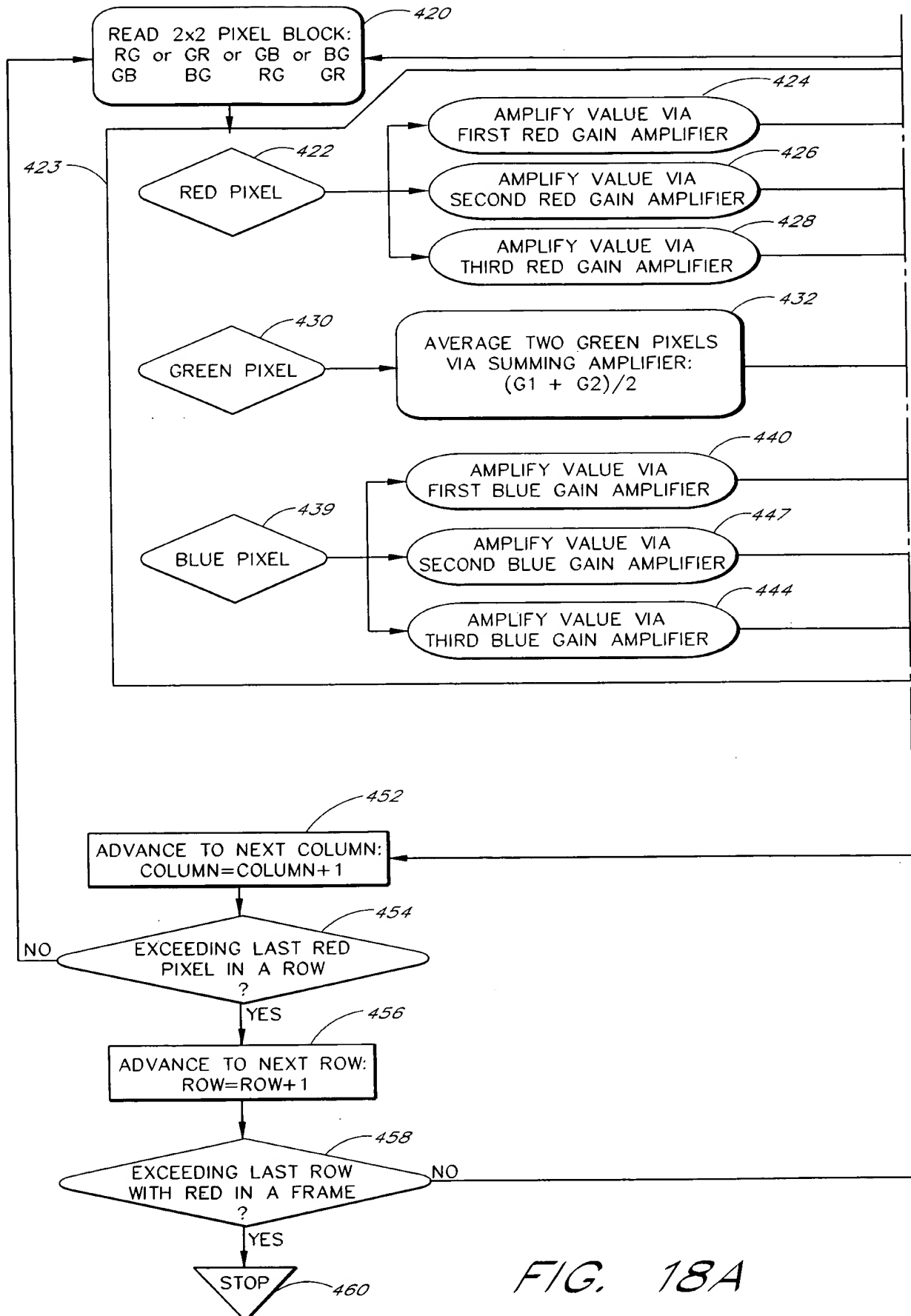


FIG. 18A

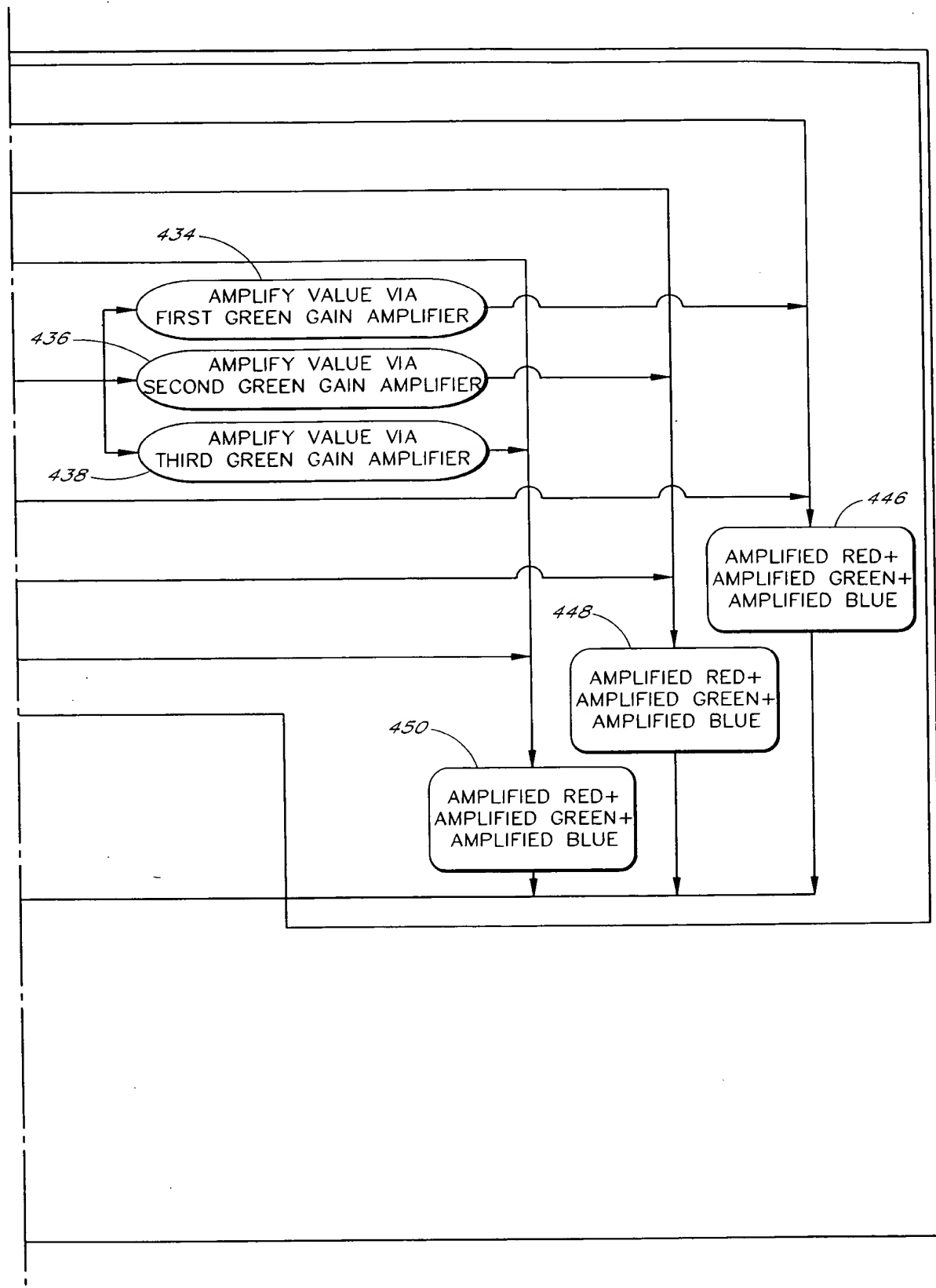


FIG. 18B

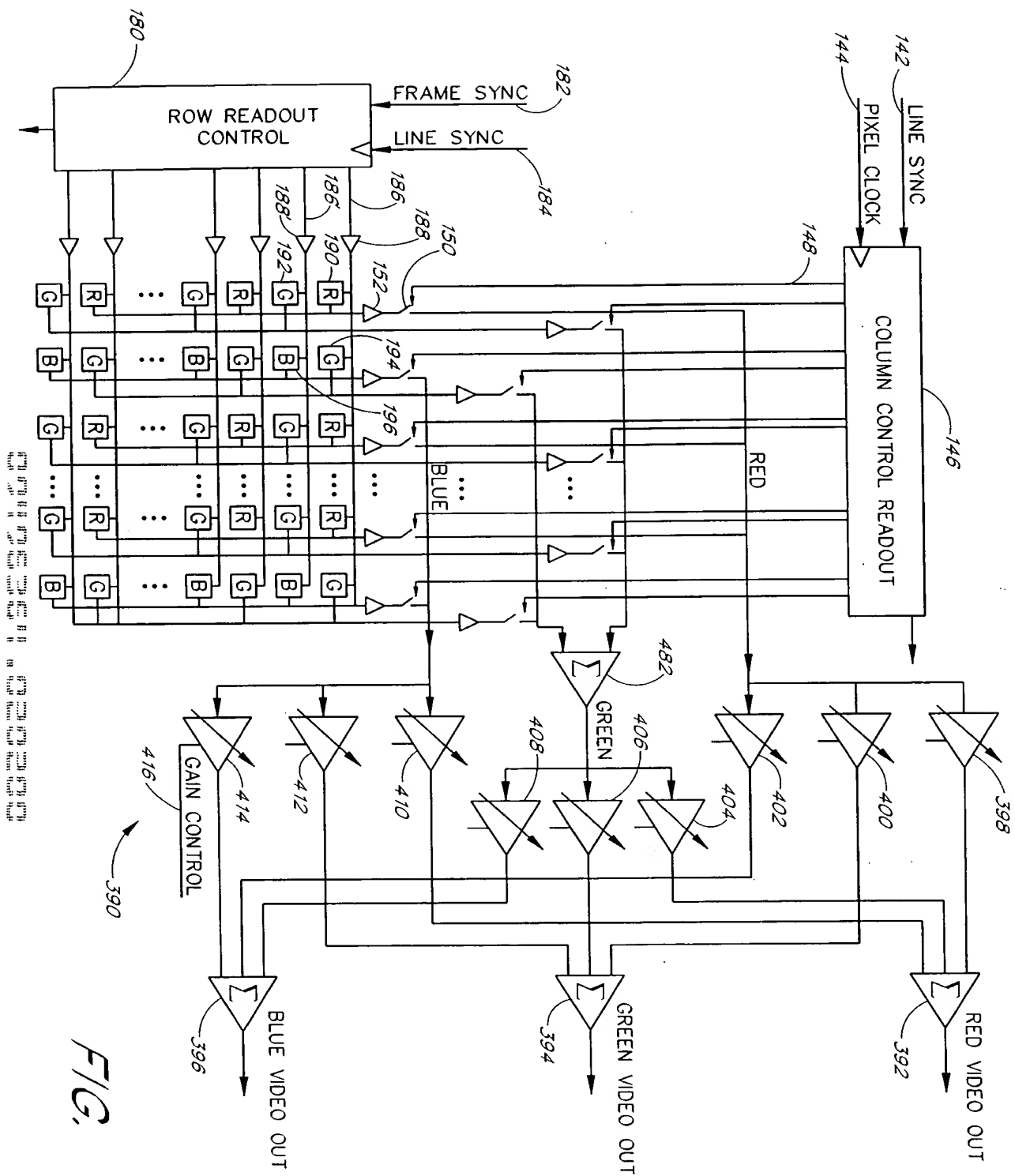


FIG. 19

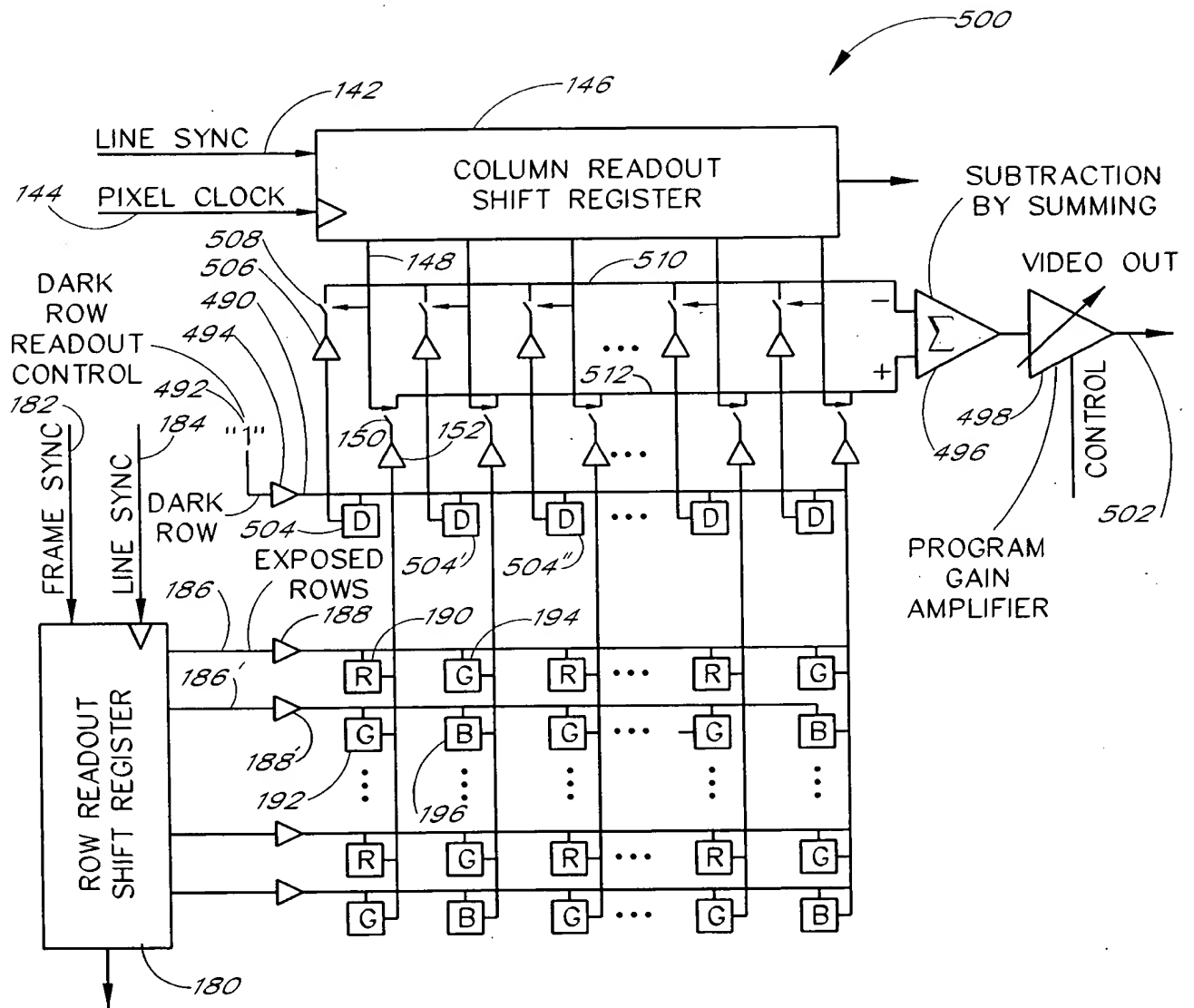


FIG. 20



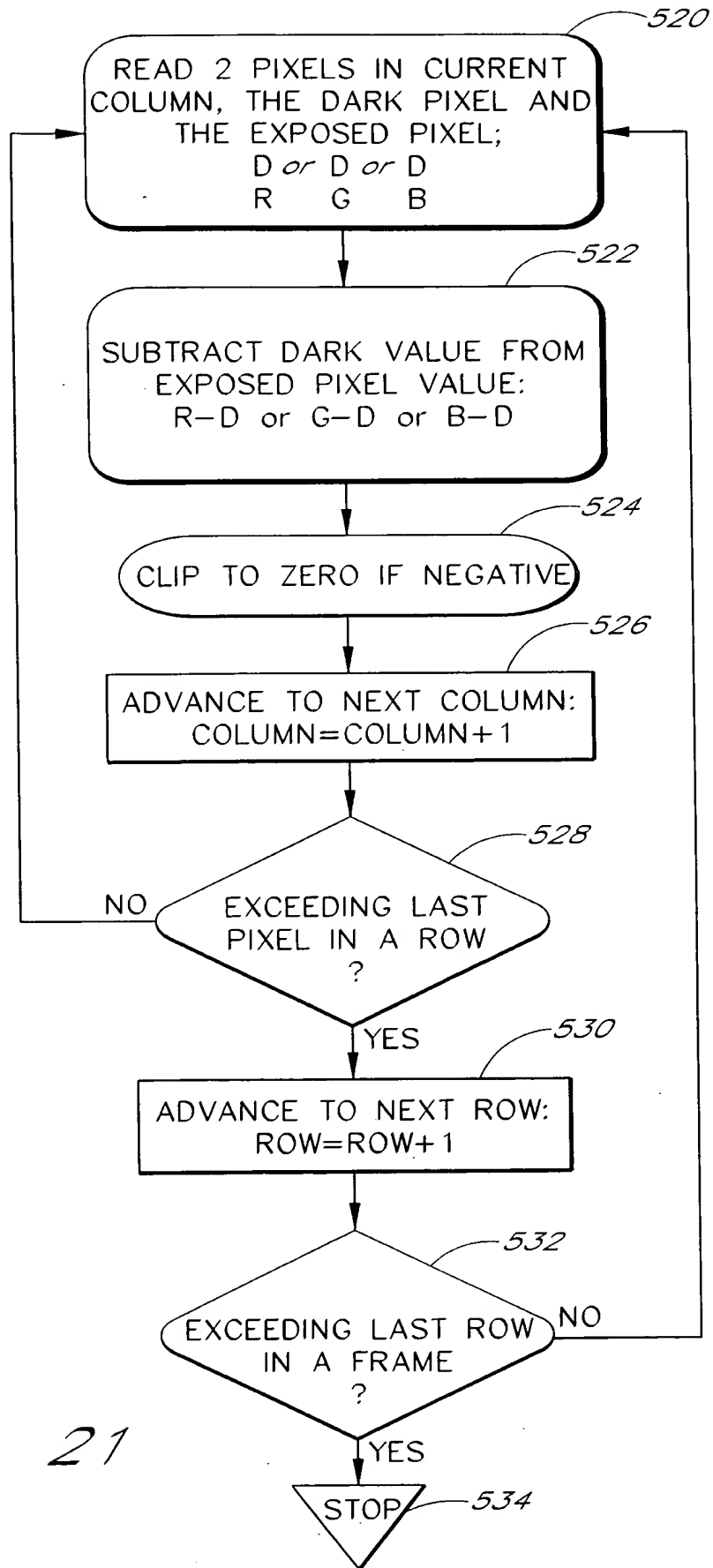


FIG. 21

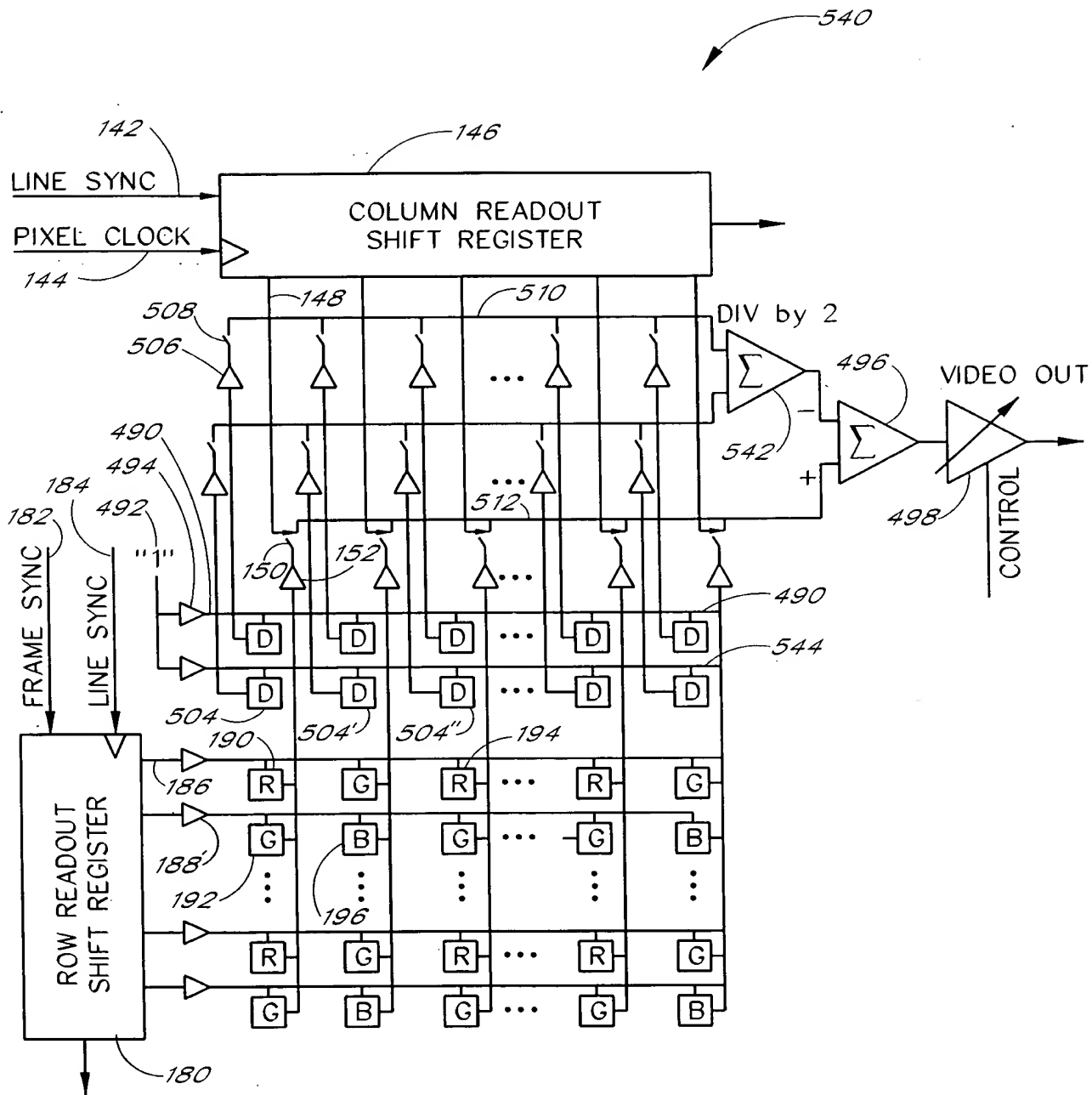


FIG. 22

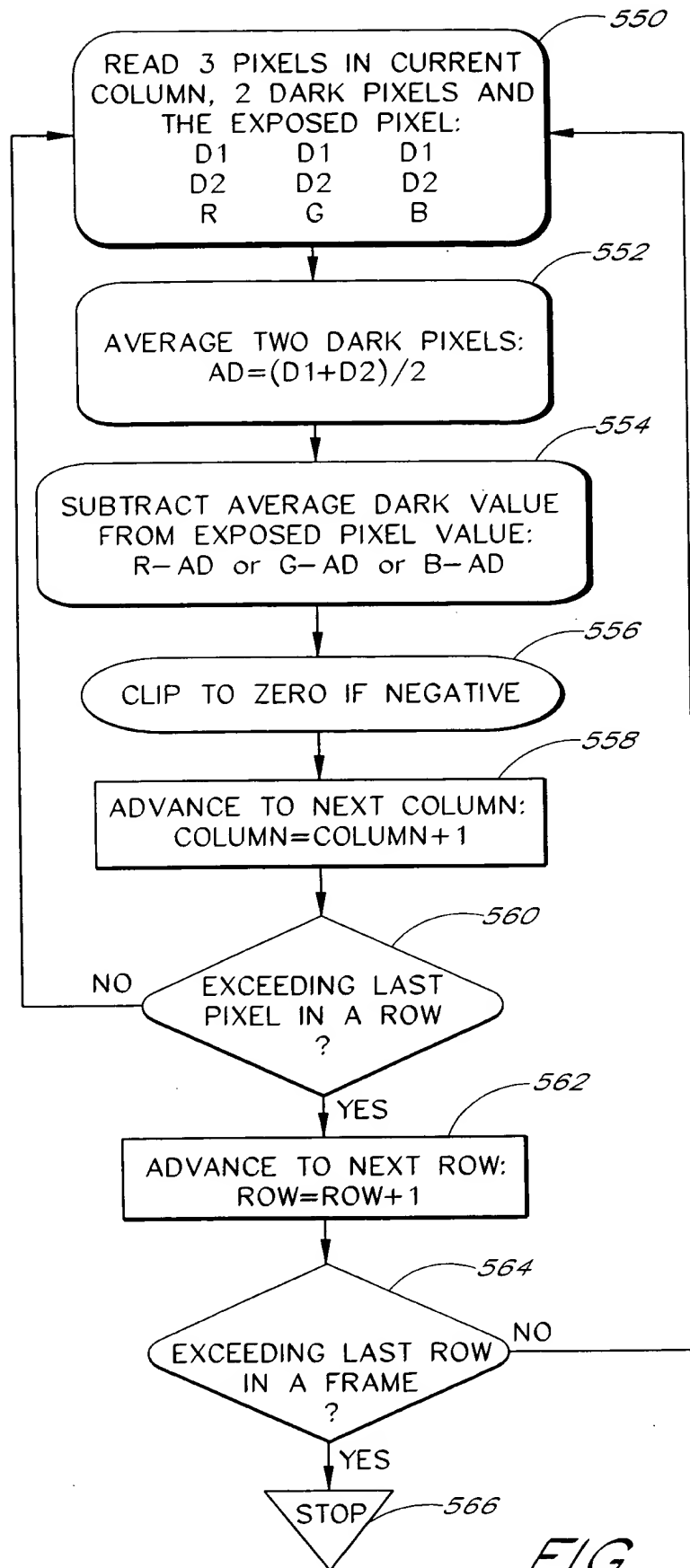


FIG. 23

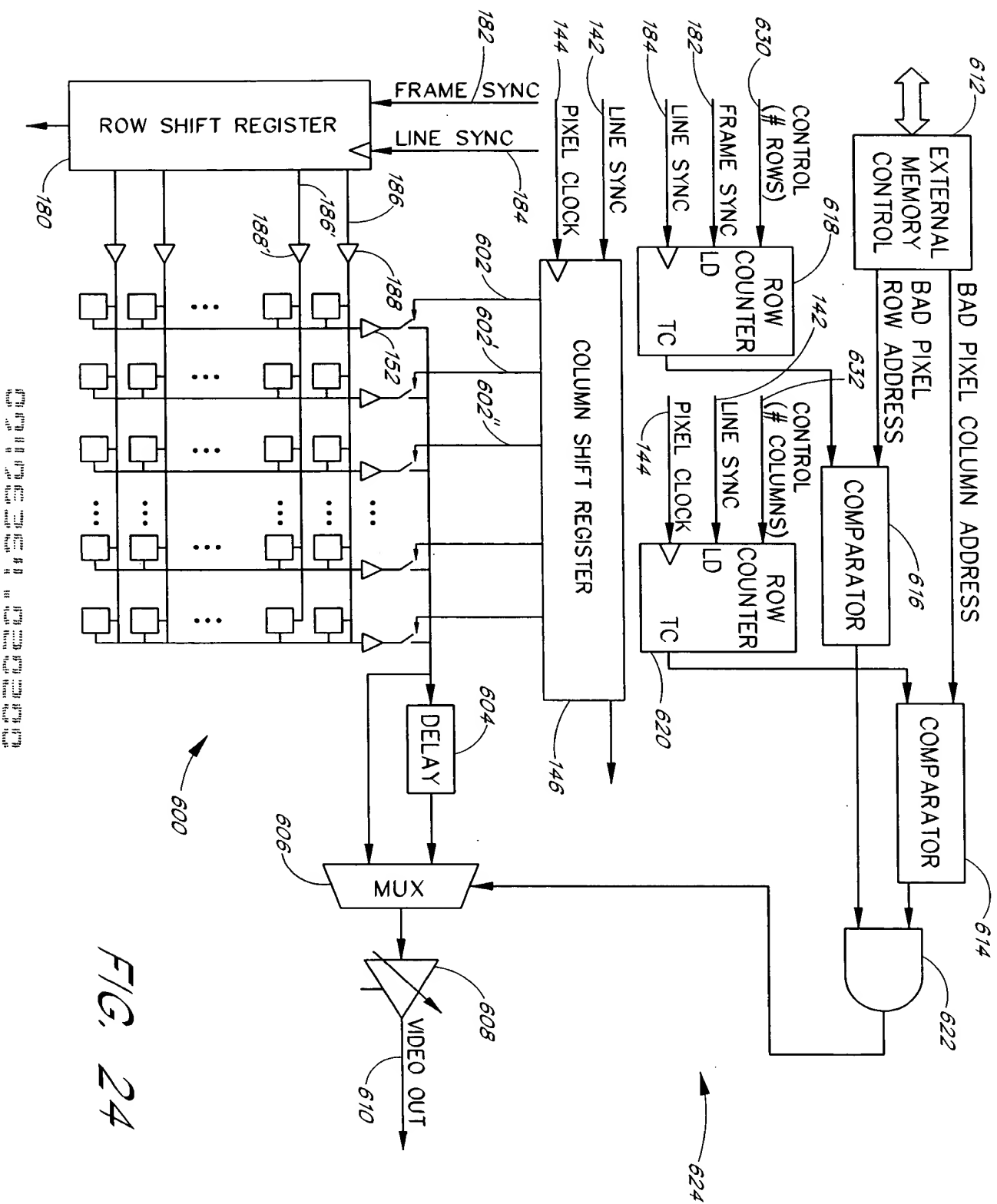


FIG. 24

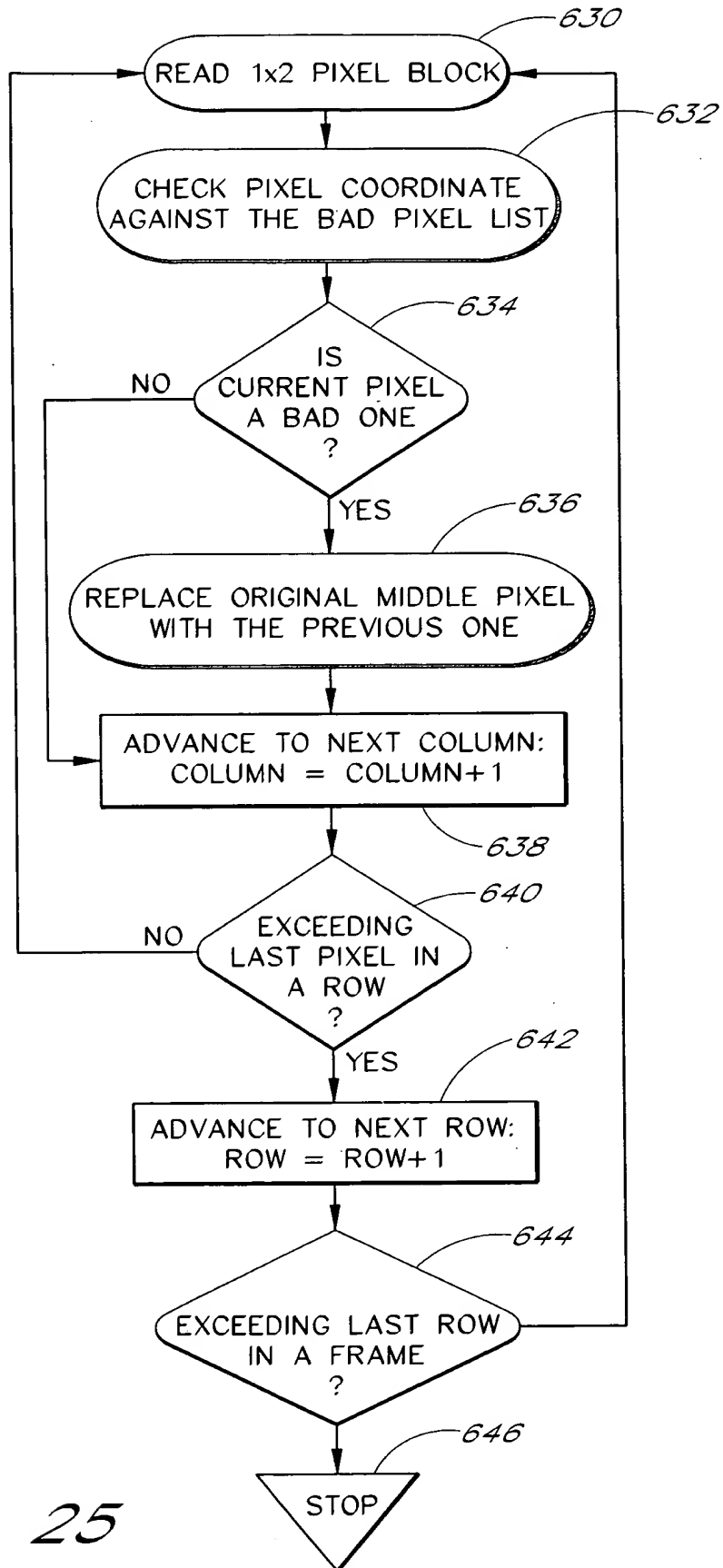


FIG. 25